

This report has not been edited for conformity with
U.S. Geological Survey editorial standards or
stratigraphic nomenclature.

EXPLANATION

INDEX NUMBER OF MEASURED SECTION SHOWN
ON PLATE 3 OF CRO MAP—Coal section measured at
point of triangle.

LINE OF COMPOSITE SECTION—Showing index num-
ber of section shown on plate 3 of CRO map. Composite
section is based on nearby coal bed thickness measure-
ments.

OIL AND GAS TEST HOLE—Showing drill-hole data, in
feet.

COAL TEST HOLE—Showing index number of hole shown
on plate 3 of CRO map, and drill-hole data, in feet.

GL—Ground elevation
NR—No record
R—Rock interval
C—Coal interval
TD—Total depth

DRILL-HOLE DATA SYMBOLS

Kn—Knobloch
F-G—Flowers-Goodale
Te—Terret
Ct—Contact
L—Local

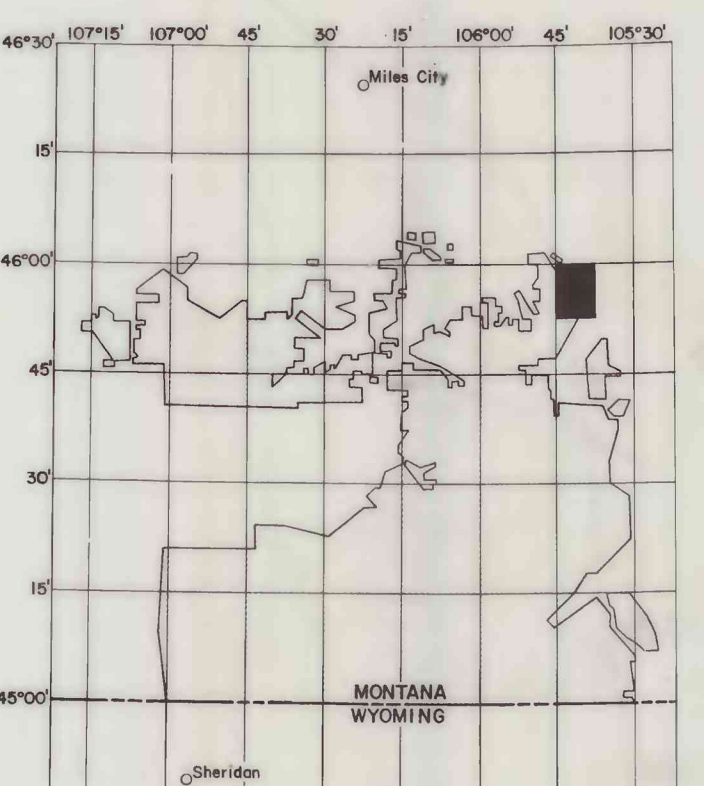
COAL BED SYMBOLS AND NAMES

TRACE OF COAL BED OUTCROP—Dashed where
approximately located; short dashed where inferred.
Showing thickness of coal, in feet, measured at triangle.
Where a thickness fraction is shown, it indicates the net
coal thickness (upper number) and net partings thick-
ness (lower number). Letters designate the name of the
coal bed as listed above. Arrow points toward coal-
bearing area. Trace of coal outcrop has been modified
from Bass (1932, pl. 3); Parker and Andrews (1939,
pl. 16); Pierce (1936, pl. 11), to fit modern topographic
map.

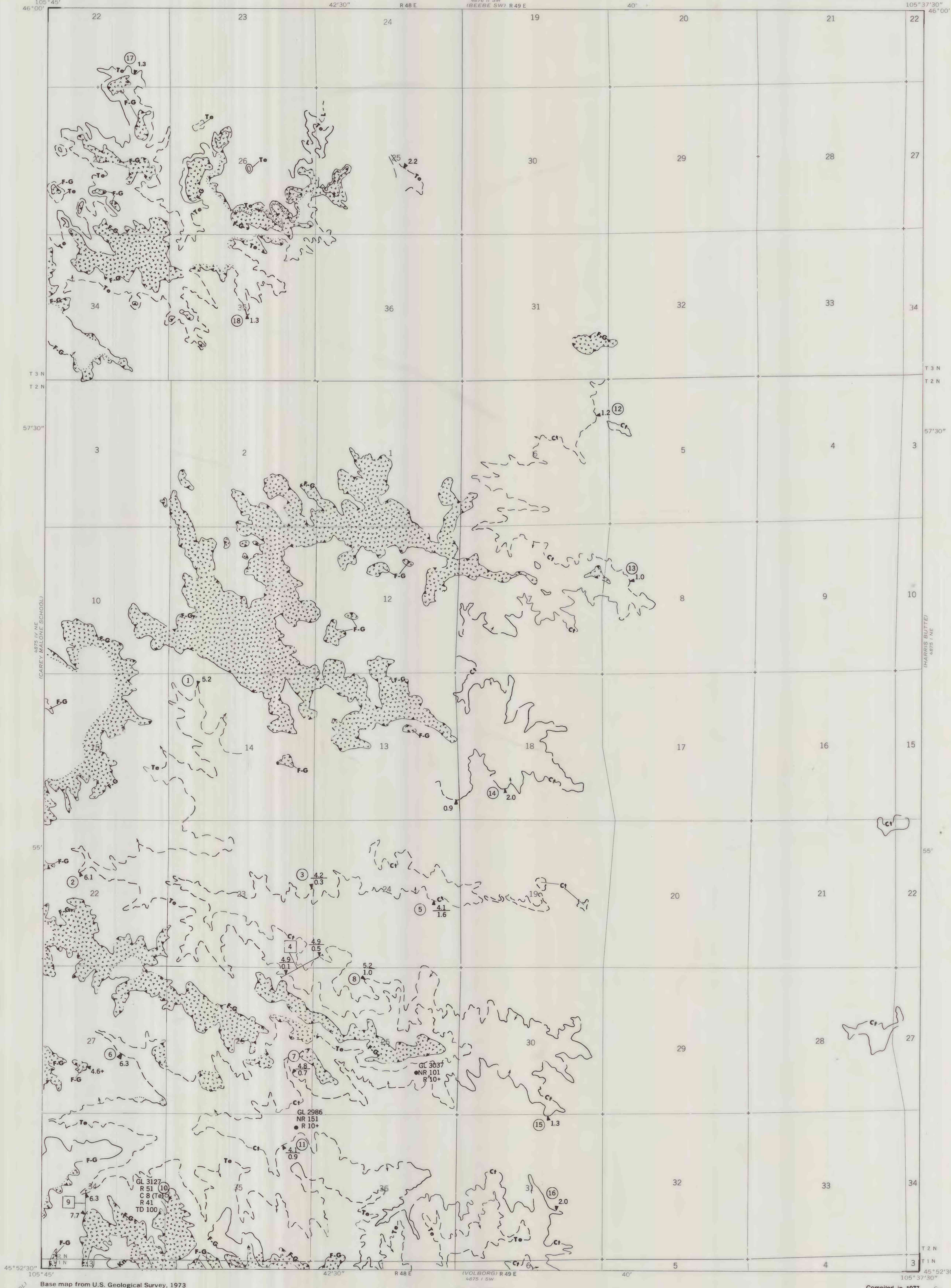
BURNED AND CLINKERED COAL BED—Showing
area of baked and fused rock (v symbol). Dotted line
indicates the inferred limit of burning.

REFERENCES FOR NONINDEXED DATA POINTS

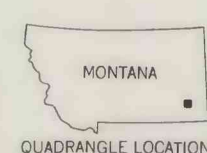
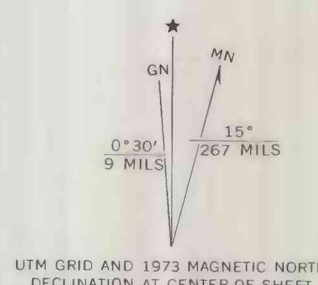
BASS, N. W., 1932, The Ashland coal field, Rosebud,
Powder River, and Custer Counties, Montana: U. S.
Geol. Survey Bull. 831-B, p. 19-105.
PARKER, F. S. and ANDREWS, D. A., 1939, The Mispah
coal field, Custer County, Montana: U. S. Geol. Survey
Bull. 906-C, p. 85-133.
PIERCE, W. G., 1936, The Rosebud coal field, Rosebud and
Custer Counties, Montana: U. S. Geol. Survey Bull.
847-B, p. 43-120.



INDEX MAP—Showing location of the Kirkpatrick Hill
quadrangle and the Northern Powder River Basin Known
Recoverable Coal Resource Area (stippled), Montana



Compiled in 1977



COAL RESOURCE OCCURRENCE MAP OF THE KIRKPATRICK HILL QUADRANGLE,
CUSTER COUNTY, MONTANA

BY
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
1978